



## The Jumpstart on an Elite Career

High tech, complex cutting edge systems  
and computers.



**Interior Communications Electricians (IC-ATF)** install, maintain and repair the equipment needed for interior communications within ships and shore facilities. These communication systems include public address systems, interior telephone systems, alarm systems, engine telegraphs to communicate orders for changes in engine speed from the bridge (ship's command station) to the engine room, certain kinds of ship control and equipment monitoring devices, the ship's gyrocompass, the rudder position indicator, audio-visual equipment for the ship's TV entertainment systems, advanced navigation and various other equipment.

Active duty obligation is six years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for 24 months. Enlistee enters as an E-1 (Fireman recruit).

Advancement to E-2 (Fireman Recruit) will be made after successful completion of recruit training.

Advancement to paygrade E-3 (Fireman) will be made after completions of all advancement-in-rate requirements (including minimum time-in-rate) are completed. Advancement to E-3 and E-4 is contingent upon maintaining eligibility in the Advanced Technical Field.

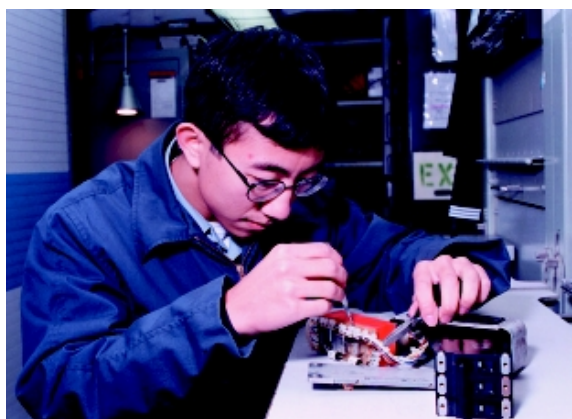
### What they do

The duties performed by IC-ATFs include:

- Maintaining and repairing interior communications systems
- Preparing and interpreting blueprints, wiring diagrams and sketches
- Installing and inspecting dry cell and storage batteries
- Recharging wet cell batteries
- Testing interior communications and gyrocompass equipment
- Installing telephone and other communications circuits, boxes, switchboards and bell buzzer systems
- Maintaining plotters and dead reckoning equipment
- Maintaining and operating TV systems
- Maintaining and repairing shipboard navigation equipment

### Credit Recommendations

The American Council on Education recommends that semester hour credits be awarded in the vocational certificate degree categories for courses taken in this rating on electricity/electronics and applied mathematics.



### Qualifications and Interests

It is important that people in this rating have manual dexterity with tools, equipment and machines; above average math skills; resourcefulness; an interest in ideas and information; and the ability to express ideas clearly in speaking to others. Helpful qualities include getting along well with people, writing and record-keeping skills, teamwork, physical strength and the ability to do repetitive tasks. IC's must be U.S. citizens eligible for security clearances. Normal color perception is required.

### Working Environment

People in the IC rating work in many different situations, at sea and ashore. While most of their work is performed indoors, it may be in a clean or dirty environment of a shop-like nature, and it may be in any kind of climate or temperature. IC's usually work closely with others. Most systems IC's work on is of the modern solid state electronic type, making the rating a very technical profession.

### Opportunities

Opportunities for placement in this rating are good for qualified applicants. About 3,000 men and women work in the IC rating.

### Related Civilian Jobs-Dept. of Labor Dictionary of Occupational Titles

Camera Operator, Television  
Central Office Operator  
Electromechanical Technician  
Television and Radio Repairer  
Audio-Video Repairer  
Central Office Repairer Supervisor  
Station Installer and Repairer  
Central Office Repairer  
Electrician

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

INTERIOR COMMUNICATIONS ELECTRICIAN  
IC Advanced Technical Field

**NAVY**  
accelerate your life



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### Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced technical and operational training is available during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Engineering Common Core	Great Lakes, IL	4 Weeks	Introduction to technical documentation and basic mechanical theory.	Group instruction with practical application
Engineering Electrical Core	Great Lakes, IL	7 Weeks	CPR, electrical math, basic schematics, AC/DC circuits, solid state characteristics, logic systems	Group instruction
Class "A" Technical School	Great Lakes, IL	5 Weeks	Basic technical knowledge and skills of electricity and electronics required for rating.	Group instruction, and practical application

After satisfactory completion of "A" school, IC-ATFs go on to advanced training courses such as advanced TV maintenance and Ship service telephone systems. IC's are assigned to ships and shore stations in the United States and overseas. During a 20-year period in the Navy, IC's spend about 65 percent of their time assigned to fleet units and 35 percent to shore stations.

All personnel now receive sea pay at sea (E-1 to E-9).

**INTERIOR COMMUNICATIONS ELECTRICIAN**  
**IC Advanced Technical Field**